

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) In a network environment that includes a source of a set of computer-executable instructions, and a plurality of mobile computing devices, a method for at least one of the mobile computing devices installing the set of computer-executable instructions as a transaction using rollback features of a configuration manager residing on the mobile computing device, the method comprising the following:

an act of the mobile computing device accessing at least a version of at least one file that is to be installed on the mobile computing device;

an act of the mobile computing device accessing computer-executable installation instructions that define how the at least one file is to be installed on the mobile computing device, the installation instructions being directly interpretable by a configuration manager associated with the mobile computing device;

an act of the configuration manager causing the installation instructions to be executed; and

an act of the configuration manager causing a rollback document to be constructed.

2. (Original) A method in accordance with Claim 1, further comprising the following:

an act of the mobile computer device determining whether or not the installation instructions would be successful.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

3. (Original) A method in accordance with Claim 2, wherein the act of the mobile computer device determining whether or not the installation instructions would be successful comprises the following:

an act of querying a plurality of configuration service providers that would each perform some of the installation instructions as to whether or not the installation would be successful with respect to their corresponding installation instructions.

4. (Original) A method in accordance with Claim 3, further comprising the following:

an act of determining, based on the result of the query, that installation would be successful; and

an act of committing a transaction involving the execution of the installation instructions as a whole.

5. (Original) A method in accordance with Claim 2, wherein the act of the mobile computer device determining whether or not the installation instructions would be successful comprises the following:

an act of determining that the installation instructions have been successfully executed.

6. (Original) A method in accordance with Claim 2, wherein the act of the mobile computer device determining whether or not the installation instructions would be successful comprises the following:

an act of determining that the installation instructions have failed to be executed as a whole; and

an act of reversing the installation process by executing the rollback document.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

7. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing at least a version of at least one file that is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing a compressed version of the at least one file that is to be installed on the mobile computing device; and

an act of the mobile computing device decompressing the compressed version of the at least one file that is to be installed on the mobile computing device.

8. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing at least a version of at least one file that is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing an uncompresscd version of the at least one file that is to be installed on the mobile computing device.

9. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing installation instructions that are structured in accordance with a schema that is interpretable by the configuration manager.

10. (Original) A method in accordance with Claim 1, whrcin the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing installation instructions that are structured in accordance with eXtensible Markup Language (XML).

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

11. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing at least one installation instruction to extract a compressed version of a file.

12. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing at least one installation instruction to move a file from a source directory location to a destination directory location.

13. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing at least one installation instruction to copy a file from a source directory location to a destination directory location.

14. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing at least one installation instruction to delete a file.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

15. (Original) A method in accordance with Claim 1, wherein the act of the mobile computing device accessing installation instructions that define how the at least one file is to be installed on the mobile computing device comprises the following:

an act of the mobile computing device accessing at least one installation instruction to alter a configuration setting.

16. (Original) A method in accordance with Claim 1, wherein the act of the configuration manager causing the installation instructions to be executed comprises the following:

an act of the configuration manager directly executing the installation instructions.

17. (Currently Amended) A method in accordance with Claim 1, wherein the act of the configuration manager causing the installation instructions to be executed comprises the following:

an act of the configuration manager causing at least one other module to execute the installation instructions.

18. (Original) A method in accordance with Claim 17, wherein the act of the configuration manager causing the at least one other module to execute the installation instructions comprises the following:

an act of the configuration manager passing file commands to a file configuration service provider.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

19. (Original) A method in accordance with Claim 17, wherin the act of the configuration manager causing the at least one other module to execute the installation instructions comprises the following:

an act of the configuration manager passing configuration commands to a registry configuration service provider.

20. (Original) A method in accordance with Claim 1, wherein the act of the configuration manager causing a rollback document to be constructed comprises the following:

an act of the configuration manager including a pre-installation state in the rollback document.

21. (Original) A method in accordance with Claim 20, wherein the act of the configuration manager including a pre-installation state in the rollback document comprises the following:

for each installation instruction to alter a file, an act of backing up the original version of the file.

22. (Original) A method in accordance with Claim 1, wherein the act of the configuration manager including a pre-installation state in the rollback document comprises the following:

for each installation instruction to alter a configuration setting from an original value to an altered value, an act of backing up the original value of the configuration setting.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

23. (Currently Amended) A computer program product for use in a network environment that includes a source of set of computer-executable instructions, and a plurality of mobile computing devices, the computer program product for implementing a method for at least one of the mobile computing devices installing the set of computer-executable instructions as a transaction using rollback features of a configuration manager residing on the mobile computing device, the computer program product comprising at least one computer-readable media having stored thereon the following:

computer-executable instructions for accessing at least a version of at least one file that is to be installed on the mobile computing device;

computer-executable instructions for accessing installation-computer-executable installation instructions that define how the at least one file is to be installed on the mobile computing device, the installation instructions being directly interpretable by a configuration manager associated with the mobile computing device;

computer-executable instructions for causing the installation instructions to be executed;

computer-executable instructions for causing a rollback document to be constructed; and

computer-executable instructions for determining whether or not the installation instructions would be successful.

24. (Original) A computer program product in accordance with Claim 23, wherein the at least one computer-readable media are physical storage media.

25. (Original) A computer program product in accordance with Claim 23, wherein the computer-executable instructions for causing a rollback document to be constructed comprise the following:

computer-executable instructions for including computer-executable instructions in the rollback document that are also directly interpretable by the configuration manager.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

26. (Original) A computer program product in accordance with Claim 23, wherein the computer-executable instructions for determining whether or not the installation instructions would be successful comprise the following:

computer-executable instructions for determining that the installation instructions have been successfully executed as a whole.

27. (Original) A computer program product in accordance with Claim 23, wherein the computer-executable instructions for determining whether or not the installation instructions would be successful comprise the following:

computer-executable instructions for determining that the installation instructions have failed to be executed as a whole; and

computer-executable instructions for reversing the installation process by executing the rollback document.

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

28. (Original) In a network environment that includes a source of a set of computer-executable instructions, and a plurality of mobile computing devices, a method for at least one of the mobile computing devices installing the set of computer-executable instructions as a transaction using rollback features of a configuration manager residing on the mobile computing device, the method comprising the following:

an act of the mobile computing device accessing at least a version of at least one file that is to be installed on the mobile computing device; and

a step for installing the at least one file in a transacted manner using the configuration manager.

29. (Original) A method in accordance with Claim 28, wherein the step for installing the at least one file in a transacted manner using the configuration manager comprises the following:

an act of the mobile computing device accessing computer-executable installation instructions that define how the at least one file is to be installed on the mobile computing device, the installation instructions being directly interpretable by a configuration manager associated with the mobile computing device;

an act of the configuration manager causing the installation instructions to be executed;

an act of the configuration manager causing a rollback document to be constructed; and

an act of the mobile computer device determining whether or not the computer-executable instructions have been successfully executed as a whole.

30-53. (Cancelled).

Application No. 10/005,959
Amendment "A" dated
Reply to Office Action mailed January 14, 2005

54. (Original) At least one computer-readable media for use in a network environment that includes a source of a set of computer-executable instructions, and a plurality of mobile computing devices, the at least one computer-readable media have stored thereon a data structure for implementing a method for at least one of the mobile computing devices installing the set of computer-executable instructions using a configuration manager residing on the mobile computing device, the data structure comprising the following:

a field representing at least a version of at least one file to be installed; and
installation instructions for dictating how to install the at least one file on the mobile computing device, the installation instructions structured to be directly interpretable by the configuration manager.

55. (Original) An at least one computer-readable media in accordance with Claim 54, wherein the field comprises a compressed version of the at least one file to be installed.

56. (Original) An at least one computer-readable media in accordance with Claim 54, wherein the installation instructions are structured in accordance with an eXtensible Markup Language specification.

57. (Original) An at least one computer-readable media in accordance with Claim 54, wherein the at least one computer-readable media are physical storage media.

58. (Cancelled).